



TEST STAND

FOR DIRECTIONAL AND PROPORTIONAL VALVES

BLUM
NOVOTEST

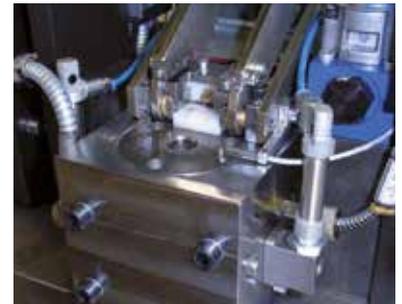


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The system consists of two autonomous conveyor belts, each with one loading section, 20 pallets, 3 test stations with drainage device as well as an unloading section with trays. All test stations with clamping devices feature identical designs. The test consists of the following individual tests: Piston setting, operation test, leakage measurement and characteristic curve determination. At the end of the test, the valve tested is drained as far as possible.



Test station

Technical data (hydraulic system)

Hydraulic circuit 1 and 2	3 l/min each, max. 50 bar
Hydraulic circuit 3	3 l/min, max. 50 bar, switchable 50/150 bar
Flushing circuit with filter & heating/cooling	15 l/min, max. ~5 bar
Working temperature oil	40 °C +/-5 °C
Double tank system with return flow to dirt tank	
Overpumping in clean tank with filtering and heating/cooling	

Technical data (housing)

Structure	welded steel frame with integrated oil tray across the entire floor surface
Dimensions in mm	W= 3000 x D = 1500 x H = 2000

Technical data (cycle times)

Alternation of check valves	2 sec.
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